IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

MAY 1 9 2005

Miguel M. Saldana; Jay Scott Tucker; and, Michael J. Iosue

BADEMA" Érial No.: 10/708889

Confirmation No.: 2888

Filed: March 30, 2004

DIFFUSION BONDING For:

METHOD FOR

MICROCHANNEL PLATES

Group Art Unit: 1725

Examiner: Kiley Shawn Stoner

Commissioner for Patents PO Box 1450 **ALEXANDRIA, VA 22313-1450**

Sir:

SUBMISSION OF SUBSTITUTE DRAWINGS

Enclosed are substitute formal drawings (4 sheets) for filing in the above-identified U.S. patent application.

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

> Thomas F. Marsteller, Jr. (Typed name of person mailing paper)

(Signature of person mailing paper)

Date: May 16, 2005

Applicant has delayed filing of the new drawings until receiving of the "Notice of Allowance," dated April 5, 2005. The substitute drawings are to replace the informal pencil drawings submitted with the filing of the patent application.

The issue fee in this case is being mailed along with this paper.

Please cancel the drawings previously filed in this application.

Respectfully submitted,

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Date: May 16, 2005